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(12) **United States Patent**
Satterfield(10) **Patent No.:** US 9,410,189 B2
(45) **Date of Patent:** Aug. 9, 2016(54) **METHODS OF PREVENTING NON-SPECIFIC REACTIONS OF NUCLEOTIDE SEQUENCES**(75) Inventor: **Brent C Satterfield**, Greenwood, SC (US)(73) Assignee: **Co-Diagnostics, Inc.**, Sandy, UT (US)

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(51) **Int. Cl.****C12Q 1/68** (2006.01)**C12N 15/10** (2006.01)**C12Q 1/70** (2006.01)**C07H 21/04** (2006.01)(52) **U.S. Cl.**CPC **C12Q 1/6844** (2013.01); **C12N 15/1096** (2013.01); **C12Q 1/689** (2013.01); **C12Q 1/6848** (2013.01); **C12Q 1/701** (2013.01)(58) **Field of Classification Search**

USPC 435/91.2

See application file for complete search history.

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Disclosed herein are methods of nucleic acid amplification, including methods of preventing non-specific reaction of a nucleotide sequence with a DNA modifying enzyme.